



TEST REPORT

Test Report # 18H-006406 Date of Report Issue: August 28, 2018
 Date of Sample Received: August 20, 2018 Pages: Page 1 of 6

CLIENT INFORMATION:

Company: Pen Company of America
 Recipient: Colleen Shea
 Recipient Email: Colleen.shea@pencoamerica.com



SAMPLE INFORMATION:

| | | | |
|--------------------------|---|------------------------|----------|
| Description: | Composite Black, Dk Blue , Maroon Polypropylene | | |
| Assortment: | - | Purchase Order Number: | 081518-3 |
| SKU/style No.: | 300/303/315/755/750 | Toy Co./Agency: | - |
| Factory/Supplier/Vendor: | Pen Company of America | Country of Origin: | - |
| Country of Distribution: | - | Labeled Age Grade: | - |
| Quantity Submitted: | 5 pcs per style | Recommended Age Grade: | - |
| Testing Period: | 08/22/2018 – 08/28/2018 | Tested Age Grade: | - |

OVERALL RESULT:



Refer to page 2 for test result summary and appropriate notes.

ANSECO GROUP (HK) LIMITED



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The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

| CONCLUSION | TEST(S) CONDUCTED |
|------------|--|
| PASS | California Proposition 65, Total Lead and Cadmium in Substrate Materials |
| PASS | California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP) |

**DETAILED RESULTS:****California Proposition 65, Total Lead and Cadmium in Substrate Materials**

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

| Specimen No. | 1+2+3 | --- | --- | --- | --- | Total Limit (ppm) |
|--------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-------------------------|
| Test Item | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | Result (ppm) | |
| Total Cadmium (Cd) | ND | --- | --- | --- | --- | 75 |
| Total Lead (Pb) | ND | --- | --- | --- | --- | 100 |
| Conclusion | PASS | --- | --- | --- | --- | |

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

**DETAILED RESULTS:****California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)**

Test Method: CPSC-CH-C1001-09.3
 Analytical Method: Gas Chromatography with Mass Spectrometry

| Specimen No. | 1+2+3 | --- | --- | --- | Limit (ppm) |
|------------------------------------|--------------------------|--------------|--------------|--------------|-------------|
| Test Item | CAS No. | Result (ppm) | Result (ppm) | Result (ppm) | |
| Dibutyl phthalate (DBP) | 84-74-2 | ND | --- | --- | 1000 |
| Benzyl butyl phthalate (BBP) | 85-68-7 | ND | --- | --- | 1000 |
| Di-(2-ethylhexyl) phthalate (DEHP) | 117-81-7 | ND | --- | --- | 1000 |
| Diisononyl phthalate (DINP) | 28553-12-0 68515-48-0 | ND | --- | --- | 1000 |
| Diisodecyl phthalate (DIDP) | 26761-40-0 68515-49-1 | ND | --- | --- | 1000 |
| Di-n-hexyl phthalate (DnHP) | 84-75-3 | ND | --- | --- | 1000 |
| Conclusion | | PASS | --- | --- | |

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

**SPECIMEN DESCRIPTION:**

| Specimen No. | Specimen Description | Location |
|--------------|----------------------|---------------------|
| 1 | Black plastic | Cap (Black style) |
| 2 | Dark blue plastic | Cap (Dk blue style) |
| 3 | Maroon plastic | Cap (Maroon style) |



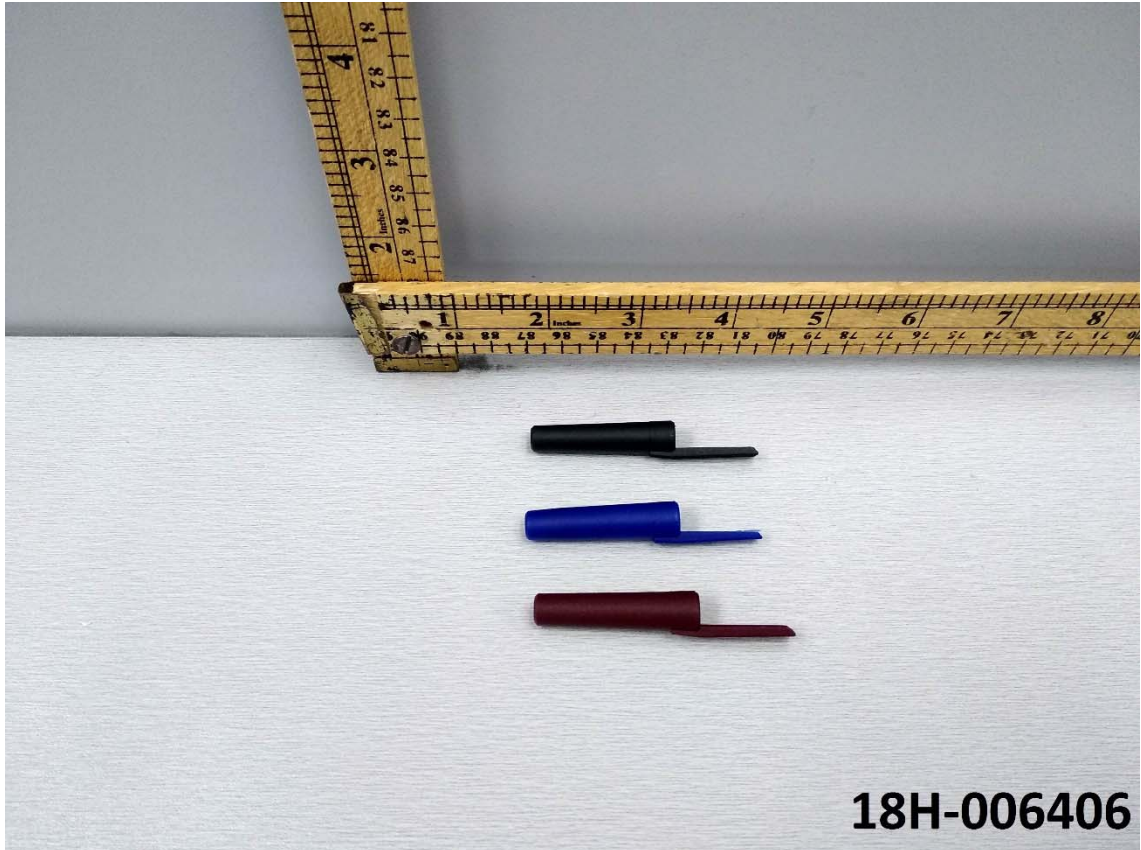
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SAMPLE PHOTO:



-End Report-